	Application No.	Applicant(s)
Notice of Allowability	10/814,916	KLEINER, BELA
	Examiner	Art Unit -
	Rebecca L. Anderson	1626
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this apportant or other appropriate communication IGHTS. This application is subject to	plication. If not included will be mailed in due course. THIS
1. This communication is responsive to the amendment filed 10 April 2007.		
2. The allowed claim(s) is/are 4.		
3. ☐ Acknowledgment is made of a claim for foreign priority una) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	been received. been received in Application No	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give		
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERIAL r FOR THE DEPOSIT OF BIOLOGIC	must be submitted. Note the AL MATERIAL.
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Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Informal F	, ,
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	 Interview Summary Paper No./Mail Da 	
3. ☐ Information Disclosure Statements (PTO/SB/08),	7. Examiner's Amendr	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. Examiner's Statement	ent of Reasons for Allowance
of Biological Material	9.	

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DETAILED ACTION

Claim 4 is currently pending in the instant application, is allowable over the prior art of record and has been renumbered as claim 1. Applicants' amendment has overcome the objection to the abstract; has overcome the claim objection and has overcome the 35 USC 112 2nd paragraph rejections.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR.1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bela Kleiner on 7 August 2007.

The application has been amended as follows:

- 1. The page numbers for the specification have been amended to start with 1 and be consecutive.
- 2. The amendment filed 10 April 2007 was non-complaint, however, the non-compliant amendment would otherwise place the application in condition for allowance, therefore, the examiner has entered the non-compliant amendment and the instant examiner's amendment corrects the non-compliance. Specifically, the following claim listing is provided and presents all of the claims. Clarification of the cancellation of claims 1-3 and 5-9 is made and the markings to show text changes of claim 4 are

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provided to show the changes discussed in the interview of 7 August 2007 compared to original claim 4.

Claims:

1-3. (Cancelled)

4. (Currently Amended) What I claim as my invention; when aqueous ascerbic acid solution or isoascerbic acid solution is brought together with aqueous calcium nitrite solution in a chemical system; the chemical reactions will result in giving nitrogen dioxide, nitric oxide and calcium ascerbate or calcium isoascerbate as products; this gas mixture can be used as row material or this gas mixture can be further reacted with exygen giving homogeneous nitrogen dioxide that can be used as final product or this nitrogen dioxide can be dissolved in water (reacts with water) forming nitric acid; the generated gas mixture; nitrogen dioxide, nitric oxide can be separated into their individual components by introducing the gas mixture into water; nitrogen dioxide will react with water forming nitric acid and nitric oxide is collected over water and is ready for further use. A process for preparing nitrogen dioxide, nitric oxide and calcium ascerbate or calcium isoascorbate comprising reacting aqueous ascerbic acid solution or aqueous isoascorbic acid solution with aqueous calcium nitrite in a reaction vessel at a temperature of about 25 °C.

5-9. (cancelled)

Reasons for Allowance

The following is an examiner's statement of reasons for allowance. This invention relates to a process for preparing nitrogen dioxide, nitric oxide and calcium ascorbate or

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calcium isoascorbate comprising reacting aqueous ascorbic acid solution or aqueous isoascorbic acid solution with aqueous calcium nitrite in a reaction vessel at a temperature of about 25 degrees Celsius. The novel and nonobvious aspect of this invention involves the specific reaction conditions. The closest prior art of record which discloses the Ostwald method fails to teach or suggest applicants' instant process.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Rebecca L. Anderson whose telephone number is (571) 272-0696. Mrs. Anderson can normally be reached Monday through Friday from 6:00am until 2:30pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Mr. Joseph K. McKane, can be reached at (571) 272-0699.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Rebecca Anderson/ Primary Examiner, AU 1626

Rebecca Anderson Primary Examiner Art Unit 1626, Group 1620 Technology Center 1600 8 August 2007